

AMENDMENTS TO THE CLAIMS

Please amend claims 30 and 42, and please add new claims 45 and 46. Following is a complete listing of the claims pending in the application, as amended:

1-29. (Cancelled)

30. (Currently Amended) A method for treating a neural function in a brain of a patient, the method comprising:

during at least one therapy session, applying electrical stimulation to a stimulation site and simultaneously having the patient engage in ~~an adjunctive therapy~~ behavioral therapy; and

discontinuing the electrical stimulation delivered to the stimulation site after expiration of a therapy period that includes the at least one therapy session.

31. (Previously Presented) The method of claim 30 wherein discontinuing the electrical stimulation includes discontinuing the electrical stimulation after the patient achieves a predetermined level of functional recovery.

32. (Previously Presented) The method of claim 30, further comprising determining a length of the therapy period based on an expected time to recover, develop, or recover and develop a functional ability corresponding to the neural function.

33. (Previously Presented) The method of claim 30, further comprising identifying the stimulation site in, on, or in and on the brain of the patient.

34. (Previously Presented) The method of claim 30, further comprising implanting an electrode at least proximate to the stimulation site, and wherein applying

electrical stimulation includes applying electrical stimulation by transmitting electrical signals from the electrode.

35. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include at least one of a physical therapy, a cognitive therapy, activities of daily living, intentional use of an affected body part, a speech therapy, a visual task, a reading task, a memory task, a comprehension task and an attention task.

36. (Previously Presented) The method of claim 30, further comprising preventing the electrical stimulation from being delivered to the stimulation site after expiration of the therapy period.

37. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include a physical therapy.

38. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include a cognitive therapy.

39. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include activities of daily living.

40. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include intentional use at an affected body part.

41. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include a visual task.

42. (Currently Amended) The method of claim 30, further comprising selecting the adjunctive therapy to include a ~~reading~~reading task.

43. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include a comprehension task.

44. (Previously Presented) The method of claim 30, further comprising selecting the adjunctive therapy to include an attention task.

45. (New) The method of claim 30 wherein applying electrical stimulation to the stimulation site includes applying electrical stimulation to the stimulation site at a level below a threshold level of neurons at the stimulation site.

46. (New) A method for treating a neural function in a brain of a patient, the method comprising:

during at least one therapy session, applying electrical stimulation to a stimulation site at a level below a threshold level of neurons at the stimulation site, and simultaneously having the patient engage in a behavioral therapy; and discontinuing the electrical stimulation delivered to the stimulation site after expiration of a therapy period that includes the at least one therapy session, wherein discontinuing the electrical stimulation includes discontinuing the electrical stimulation after the patient achieves a predetermined level of functional recovery.